

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97(b), 1.97(c), or 1.97(d)			Attny. Docket No. 2002B049/2
In Re Application of: J. Scott Buchanan et al.			
U.S. Serial N . Awaited	Filing Date Attached hereto	Examiner Unassigned	Group Art Unit Unassigned

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR § 1.97(b)

- ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); within three months of the date of entry of the national stage as set forth in § 1.491 in an international application; before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

37 CFR § 1.97(c)

- ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); after three months of the date of entry of the national stage as set forth in § 1.491 in an international application; after the mailing of a first Office Action on the merits; or after the mailing of a first Office Action after the filing of a request for continued examination under § 1.114, but before the mailing date of:

1. a Final Action under § 1.113,
2. a Notice of Allowance under § 1.311, or
3. an action that otherwise closes prosecution in the application,

and is accompanied by either:

- ☐ the fee as set forth in § 1.17(p), or
- ☐ the following statement under § 1.97(e)(1): each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

37 CFR § 1.97(d)

- ☐ The Information Disclosure Statement submitted herewith is being filed after a Final Action under § 1.113, a Notice of Allowance under § 1.311, or an action that otherwise closes prosecution in the application, but before, or simultaneously with, the payment of the issue fee. Submitted herewith is the fee as set forth in § 1.17(p) and the following statement under 37 CFR § 1.97(e)(1): each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

Applicant hereby request consideration of the Information Disclosure Statement, USPTO form 1449, submitted herewith.

☐ Legible copies of the references are enclosed.

☒ This application is a:

☒ Continuation / Divisional,

☐ Continuation-in-Part,

of U.S.S.N. 10/123,717. Copies of the cited references are
☒ enclosed; ☐ not enclosed. References are available in the parent application(s) if not enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required by this paper, or credit any overpayment, to Deposit Account Number 05-1712. A duplicate copy of this form is enclosed.

July 15, 2003

Date

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INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO.		SERIAL NO.	
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				APPLICANT			
				J. Scott Buchanan et al.			
				FILING DATE		GROUP	
		Attached hereto		Unassigned			

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,642,858	02/15/72	Frevel et al.			
	AB	4,062,884	12/13/77	Romano et al.			
	AC	4,181,676	01/01/80	Buysch et al.			
	AD	4,218,391	08/19/80	Romano et al.			
	AE	4,226,778	10/07/80	Venturello et al.			
	AF	4,231,937	11/04/80	Kao et al.			
	AG	4,233,221	11/11/80	Raines et al.			
	AH	4,325,874	04/20/82	Jacobson			
	AI	4,391,739	07/05/83	Chu			
	AJ	4,434,105	02/28/84	Buysch et al.			

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AK	478 073 A2	01/04/92	Europe				
	AL	3 - 44,354	02/26/91	Japan			X	

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)	
AM	Cella, James A., et al., <i>Preparation of Dialkyl Carbonates via the Phase-Transfer-Catalyzed Alkylation of Alkali Metal Carbonate and Bicarbonate Salts</i> , J. Org. Chem., Vol. 49, pp. 1122-1125 (1984).
AN	Fujinami, Tatsuo et al., <i>A Facile Preparation of Dialkyl Carbonates from Potassium Carbonate and Alkyl Bromides by Using Organostannyl Compound as a Catalyst</i> , Chemistry Letters, pp. 749-752, (1981).
AO	Romano, Ugo et al., <i>Synthesis of Dimethyl Carbonate from Methanol, Carbon Monoxide, and Oxygen Catalyzed by Copper Compounds</i> , Ind. Eng. Chem. Prod. Res. Dev., Vol. 19, pp. 396-403, (1980).
AP	Tundo, Pietro et al., <i>Continuous-Flow Processes under Gas-Liquid Phase-Transfer Catalysis (GL-PTC) Conditions: The Reaction of Dialkyl Carbonates with Phenols, Alcohols, and Mercaptans</i> , Ind. Eng. Chem. Res., Vol. 27, pp. 1565-1571, (1988).

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next comment to applicant

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,661,609	04/28/87	Knifton			
	AB	4,686,274	08/11/87	Harris et al.			
	AC	4,691,041	09/01/87	Duranleau et al.			
	AD	4,895,970	01/23/90	Harris			
	AE	5,015,753	05/14/91	Harris			
	AF	5,218,135	06/08/93	Buysch et al.			
	AG	5,231,212	07/27/93	Buysch et al.			
	AH	5,292,980	03/08/94	Dessau			
	AI	5,387,708	02/07/95	Molzahn et al.			
	AJ	5,391,803	02/21/95	King et al.			

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AK	6 - 107,601	04/19/94	Japan			X	
	AL	54003012	01/11/79	Japan (Abstract)				

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)		
	AM	Chin, Yu-Ren, et al., <i>Dimethyl Carbonate from Methanol by Non-Phosgenation Processes</i> , Process Economics Program, PEP Review No. 87-1-4, (July 1988).
	AN	Knifton, John F., et al., <i>Ethylene Glycol-Dimethyl Carbonate Cogeneration</i> , Journal of Molecular Catalysis, Vol. 67, pp. 389-399, (1991).
	AO	Chang, C.D., <i>Handbook of Heterogenous Catalysis, Methanol to Hydrocarbons</i> , Wiley-VCH: Weinheim, Germany, Vol. 4, Chapter 3.7, pp. 1894-1908, (1997).

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	AA	5,430,170	07/04/95	Urano et al.			
	AB	5,436,362	07/25/95	Kondoh et al.			
	AC	5,489,703	02/06/96	Pacheco et al.			
	AD	5,498,743	03/12/96	Shih et al.			
	AE	5,663,480	09/02/97	Tsuneki et al.			
	AF	5,847,189	12/08/98	Tojo et al.			
	AG	6,166,240	12/26/00	Chang et al.			
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	AK						
	AL						

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)		
	AM	Watanabe, Yoshiaki et al., <i>Hydrotalcite-type Materials as Catalysts for the Synthesis of Dimethyl Carbonate from Ethylene Carbonate and Methanol</i> ¹ , Microporous and Mesoporous Materials, Vol. 22, pp. 399-407, (1998).
	AN	

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